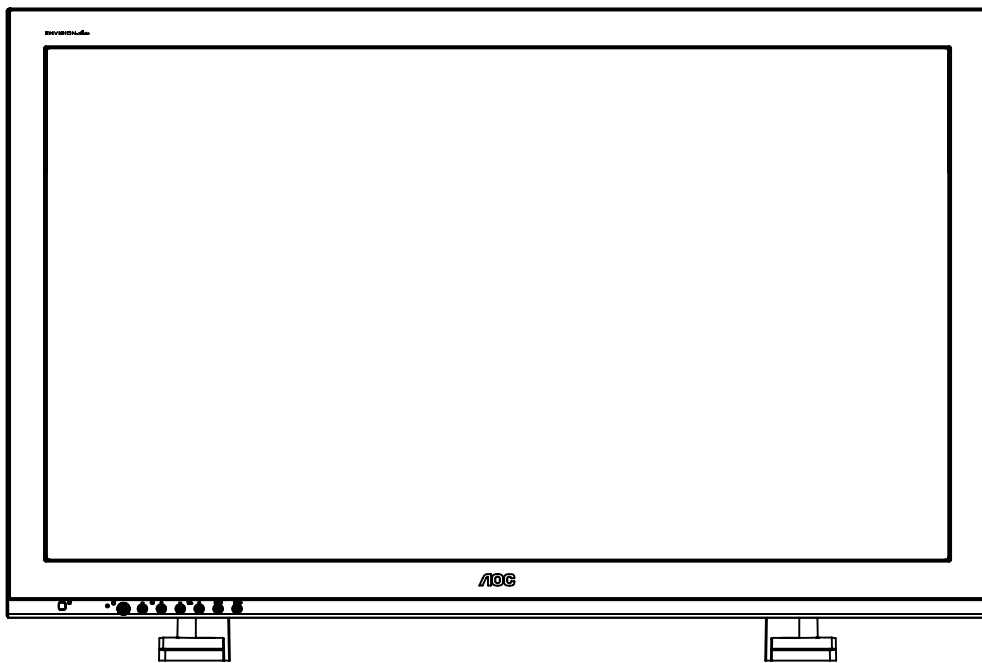




USER'S MANUAL

A42W64AT4




Thank you very much for choosing the Envision Series Plasma TV.
We recommend that you take a few minutes to read carefully through this manual before installing and using the TV. Please keep this manual in a safe place for your future reference.

CONTENT

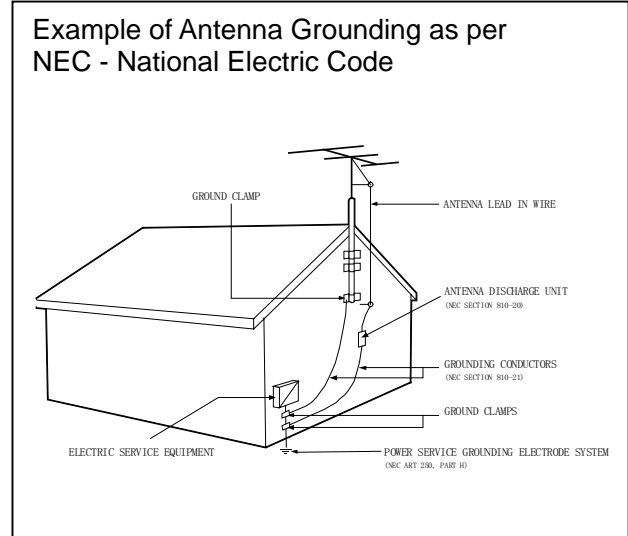
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IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

1. Read and follow all instructions.
2. Do not operate this apparatus near water.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
4. Do not block any of the ventilation openings.
5. Clean only with a dry cloth.
6. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet..
7. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
8. Only use attachments/accessories specified by the manufacturer.
9. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
10.  Unplug this apparatus during lightning storms or when unused for long periods of time.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org
13. **Damage Requiring Service** -The appliance should be serviced by qualified service personnel when:
 - The power supply cord or the plug has been damaged; or
 - Objects have fallen, or liquid has been spilled into the appliance; or
 - The appliance has been exposed to rain; or
 - The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - The appliance has been dropped, or the enclosure damaged.
14. **Tilt/Stability**- All televisions must comply with recommended international safety standards for tilt and stability properties of its cabinet design.
 - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
 - Do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
15. **Wall or Ceiling Mounting**- The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
16. **Power Lines**- An outdoor antenna should be located away from power lines.
17. **Outdoor Antenna Grounding**- If an outside antenna is connected to the receiver, make sure the antenna system is grounded so as to provide protection against voltage surges and built up of static charges. Section 810 of the National Electric Code, ANSI/NFPA No.70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure below.
18. **Object and Liquid Entry**- Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
19. **Battery Usage CAUTION** -To prevent battery leakage that may result in bodily injury, property damage, or damage to the unit:
 - Install all batteries correctly, with + and - aligned as marked on the unit.
 - Do not mix batteries (old and new or carbon and alkaline, etc.).
 - Remove batteries when the unit is not used for a long time.
20. Keep this manual for future reference

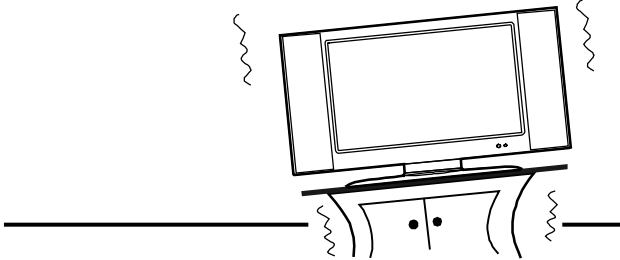
Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



Precautions and Reminders

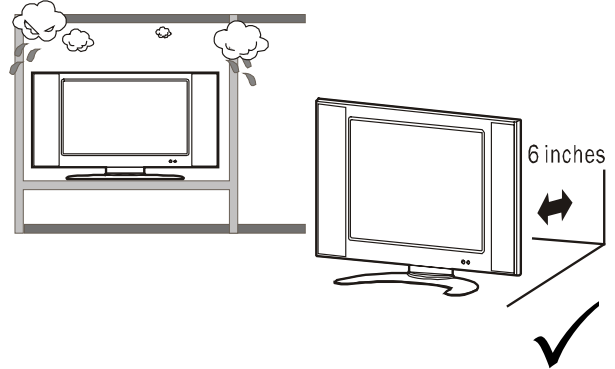
X

Do not place unit on uneven surfaces.

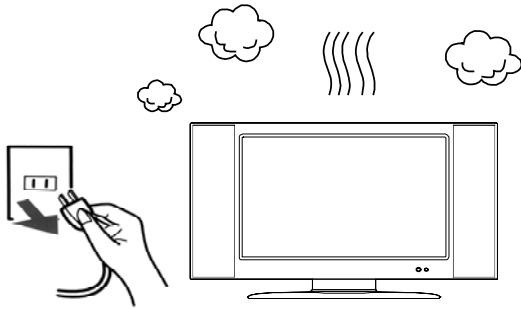


X

Do not place the TV in confined spaces or in a box when using it.

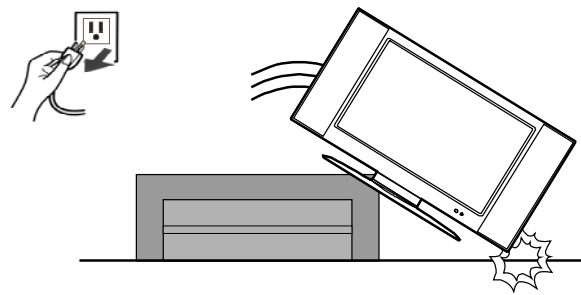


✓



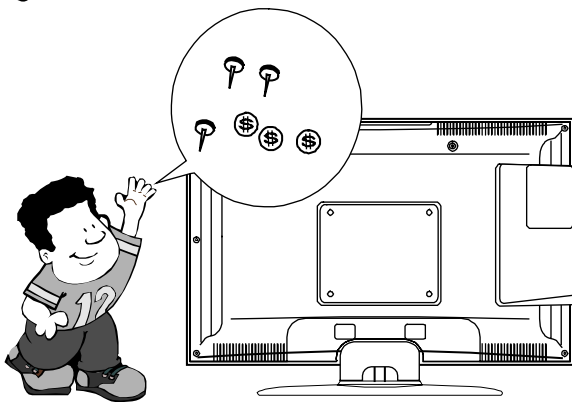
Unplug immediately if there is any malfunction, like no video, no audio, smoke or a bad odor.

✓



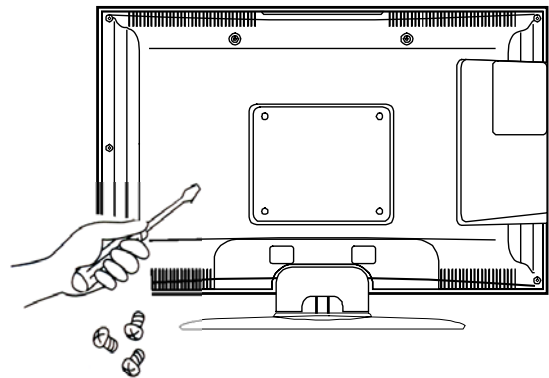
Unplug immediately if other foreign materials are put inside TV box or if the TV fell down.

X



Do not throw any object like metals or flammable materials into the TV set.

X

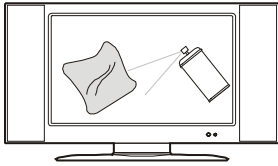


Prohibit/Avoid opening TV cabinet

Precautions and Reminders

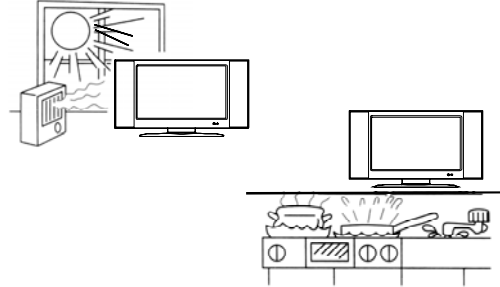
X

DO NOT use liquid cleansers or aerosol cleansers to clean the plasma display. Dilute a neutral detergent with water and wipe with a soft cloth or gently clean with some absorbent cotton. Remember to unplug the AC mains cord before cleaning the display.



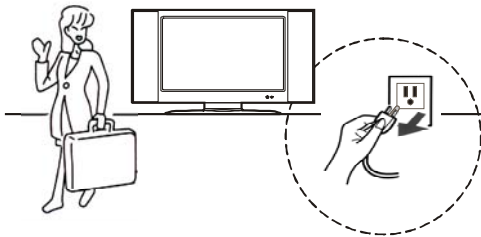
X

Avoid direct sunlight, dusty, high humidity and smoky areas.



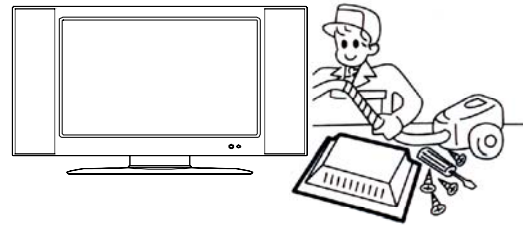
✓

Make sure to unplug the unit when not in use for a long period of time (2 days).



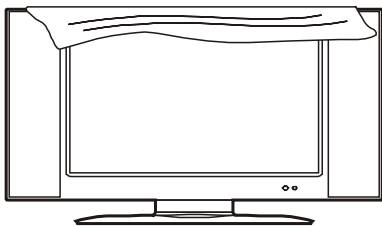
✓

Call service personnel to clean the internal part of the TV once a year.



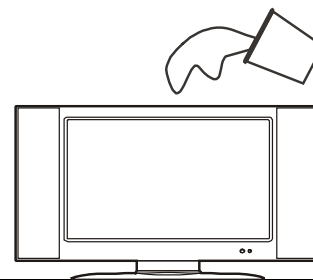
X

Do not cover or block any vents and openings. Inadequate ventilation may shorten the life of the display unit and cause overheating.



X

Do not place the unit near water, such as bathtub, washbasin, kitchen sink laundry tub, swimming pool or in a damp basement.



Notice for Remote Control

Avoid Dropping



Avoid Liquids



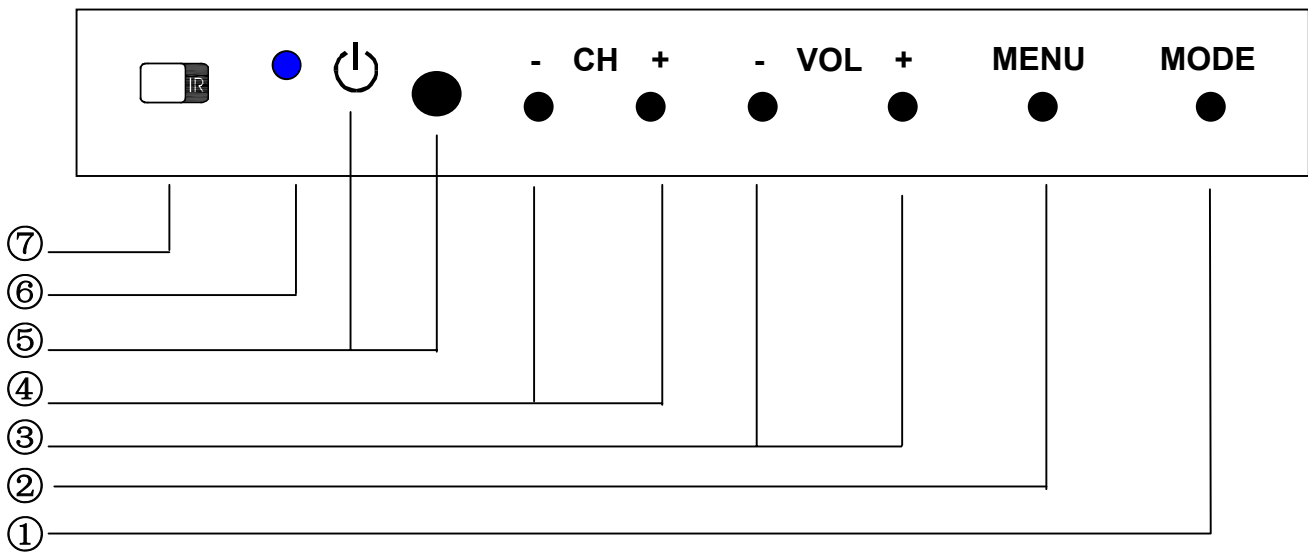
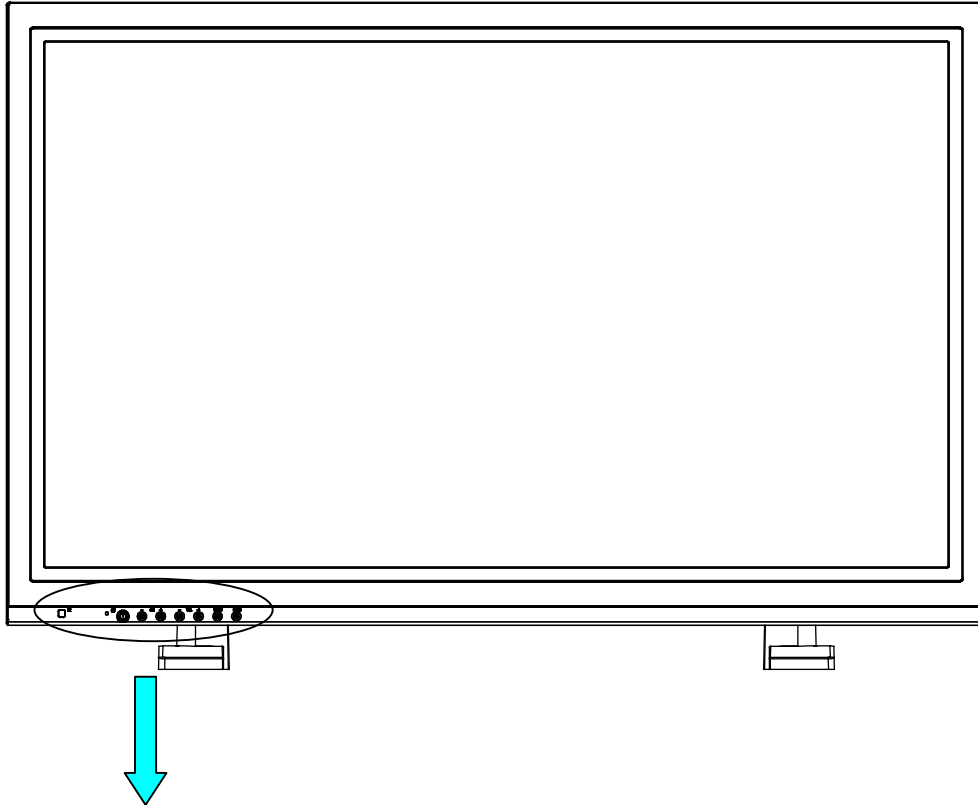
Avoid Aerosol Cleaners






Features and Function

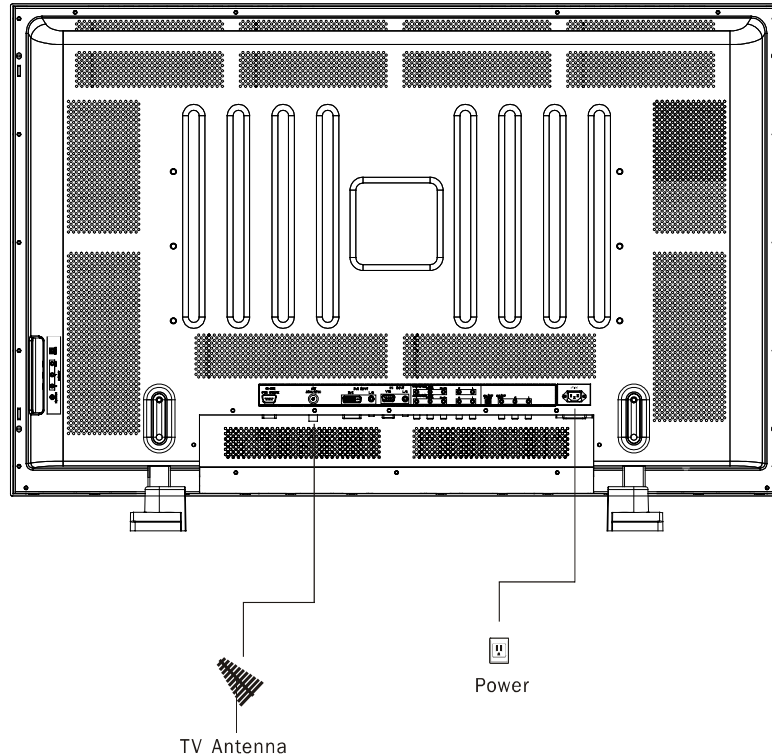
42 inch (107cm) Large Screen Flat Panel Plasma Display
Panel Resolution: WVGA 852 x 480 Pixels
MAX Brightness of Panel: 1500 Cd/m²
MAX Contrast Ratio of Panel: 10000:1
View Angle: Greater than 160°
Internal TV Tuner, Air: 69 channels Cable: 135 channels
Frequency Range: 55.25MHz to 859.25MHz
ATSC receiver, MPEG-2 decoder
NTSC receiver, Video decoder
Dual Video, Dual S-Video
Dual Y Pb Pr (480i, 480P, 720P, 1080i) HDTV Ready
PC D-SUB 15Pin INPUT
D-SUB Vertical refresh rate 50Hz to 85 Hz
D-SUB Horizontal frequency 31KHz to 80KHz
DVI-D Signal (TMDS) INPUT, Support HDTV, SDTV
MIPS controller technology
Auto Scan TV Channels
Factory Presets
Universal Power Supply designed for worldwide application
≤ 350 W (Power consumer)
Closed Caption / V-chip For USA

Front Panel Control

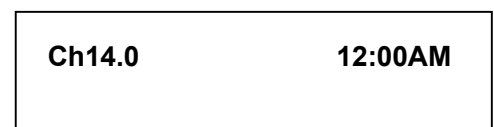
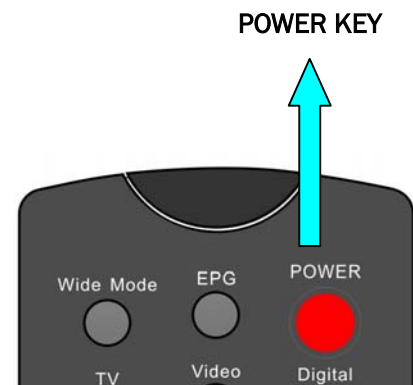


① MODE	Mode: Press to select input signal modes or use as Enter in Menu operation.
② MENU	Menu: Press to enter Menu or exit Menu.
③ - VOL +	Left: Press to decrease the sound volume level or move Left in Menu operation. Right: Press to increase the sound volume level or move Right in Menu operation.
④ - CH +	Down: Press to select the next lower Programme number or move Down in Menu operation. Up: Press to select the next higher Programme number or move up in Menu operation
⑤ 	Power switch: Press to power on or power off the TV set .
⑥ 	LED: Power Indicator.
⑦ 	IR: Remote Control Sensor.

Basic Installation



1. Connect TV Cable and Power Cord to this PDP TV Set.
2. Plug Power Cord to your home power outlet.
3. Check front panel LED for proper power connection:
Blue color indicates this TV set is powered on;
Red color indicates this TV set is in standby state.
4. Push POWER KEY on Remote Control or Power key on Front panel controls to switch the TV from stand by state to ON state.
This TV will power on and you can see display on screen within a few minutes.
5. Once you see information displayed on screen, press Digital button on Remote Control or MODE key on front panel continuously to select TV as input source. TV channel information will be displayed.
6. Use Auto channel search in "Setup Menu" to search all channels in your location. Refer to page 8 for "Setup Menu" operation procedure.
7. After Auto channel search is completed, press "CHup" or "CHdown" key on remote control to select the next lower or higher channel.
Refer to the following pages for operating procedures:
 - Remote Control – page 9.
 - Setup Menu – page 10.
 - TV Channel Arrangement – page 13.



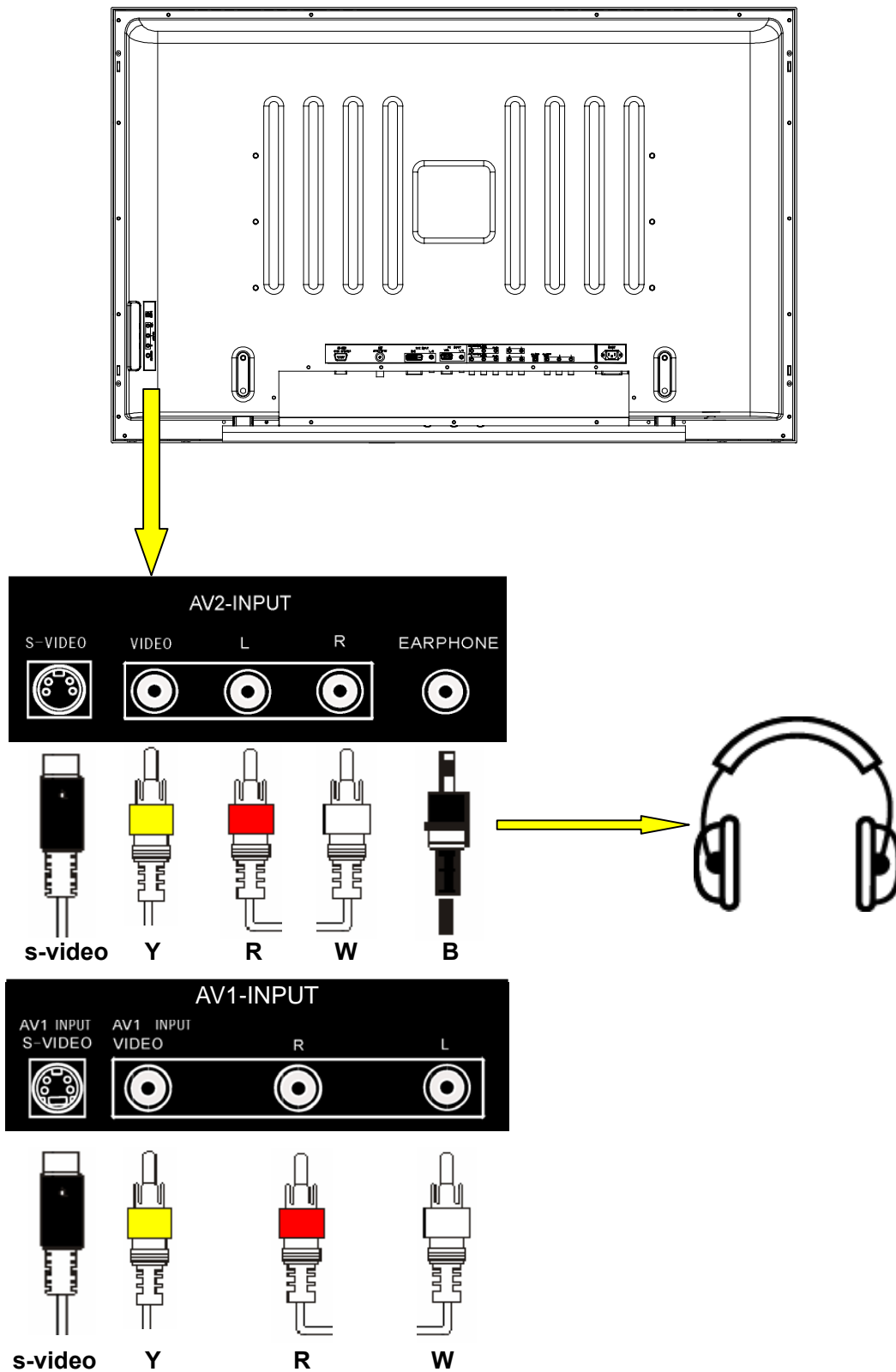
● TV channel information

Connection to other equipment

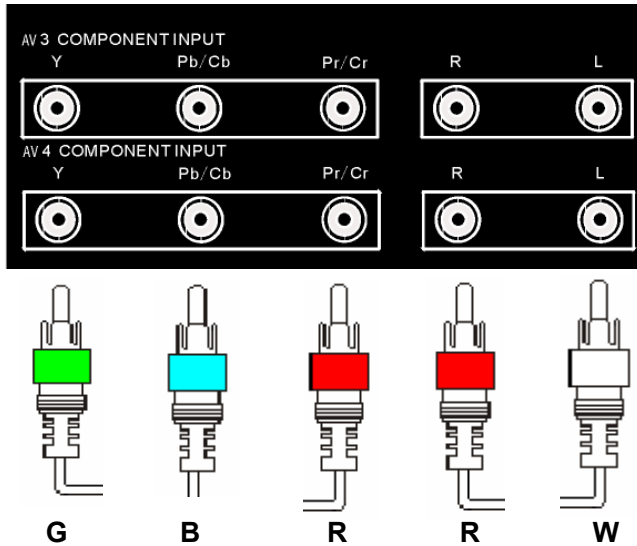
Please connect this TV Set to other equipment as picture below.

You may have many types of equipment as: DVD, VCD, VCR, Set Top Box, X-Box and so on.
(View from back of the TV set, left to right)

INPUT CONNECTION OF VIDEO SIGNAL(DVD/VCD/VCR)



Connection to other equipment



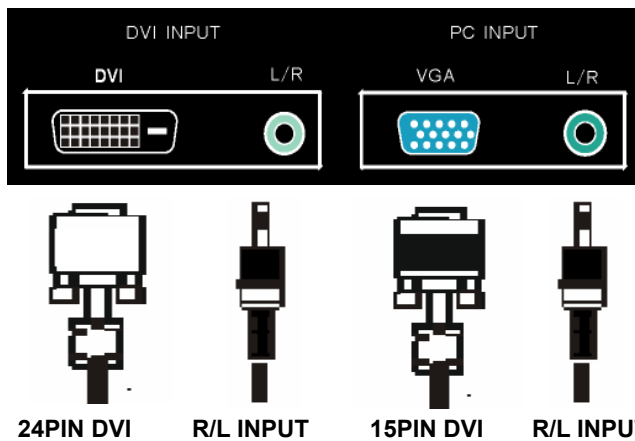
We have 2 component signal input jacks: Y Cb Cr and Y Pb Pr. The R / L is Audio input for every Y Cb Cr and Y Pb Pr.

If your DVD or Set Top Box have Y Cb Cr or Y Pb Pr output, you can connect it to Y Cb Cr or Y Pb Pr input jack. And select to Y Cb Cr or Y Pb Pr source input. (Some DVD or Set Top Box need to set to Y Cb Cr or Y Pb Pr output)

Notice: If you see that display abnormality in screen, you need to check the cable connection and DVD setup.

INPUT CONNECTION OF PC SIGNAL(PC/DVD)

Notice: If you see that display abnormality in screen, you need to check the cable connection and DVD setup.



▲ Notice: The PC output can not set out of range. The highest resolution input is 1280 X 1024 / 60Hz. Some PC models cannot be connected to the set.

● D-SUB 15 Pin:

Connect D-SUB signal cable (VGA cable) from PC to D-SUB jack at the back of this display. And connect the earphone cable from PC earphone output jack to AUDIO input jack near to the D-SUB jack.

Setup:

Use the key "Digital" in Remote Control Transmitter or "MODE" key on Front panel controls to select source to "VGA" state. Then turn on the PC.

● DVI-D:

Connect DVI-D 24 Pin signal cable (TMDS cable) from equipment with DVI-D jack to the back of this display. And connect earphone cable from equipment with earphone output jack to AUDIO input jack near the DVI-D jack.

Setup:

Use the key "Digital" in Remote Control Transmitter or "MODE" key on Front panel controls to select source to "DVI" state. Then turn on the equipment.

Remote Control Function

“Wide Mode”

Normal, Zoom ,Wide, Cinema display select

“EPG”

Display the state, source

“TV”

TV source select, into TV state

“SLEEP ”

Select timer into power down state. off→30→60→90→off

“CC”

To select close caption options (CC1,CC2.....)

“ENTER ”

To enter sub Menu or sub item .

“MENU”

To enter Menu mode .

“MUTE”

Mute the sound

“Vol up / Vol down”

Press Vol up/ Vol down key to adjust volume .

“0~9 number”

To enter TV channel number

“ . ”

To enter sub channel number for digital channels .



“POWER”

The TV Set turn on /turn off key

“Video”

AV1 CVBS Rear /AV1 S-Video Rear/ AV2 CVBS Side/ AV2 S-Video Side / AV3 component 1/ AV4 component 2

“Digital”

VGA/DVI source input

“MTS ”

To select audio program options

“Up▲/Down▼”

Move the cursor up and down on the Menu

“left ◀ / right ▶”

Use left ◀/ right ▶ to select or adjust an item.

“EXIT”

To exit Menu or other OSD .

“CH up / CH down”

Press to select the next lower or higher Program number.

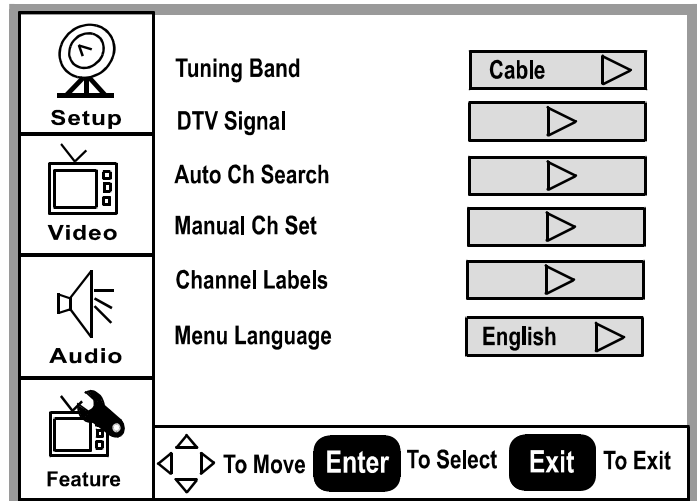
“Pre-CH”

TV channel return, see last TV channel .

OSD Menu Descriptions

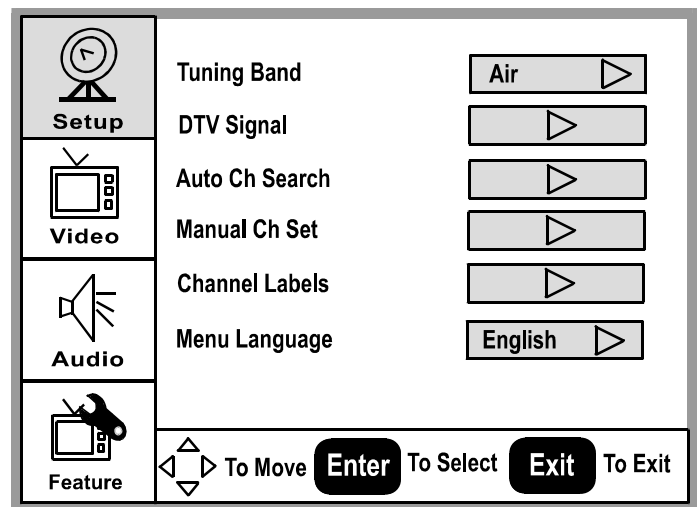
Main Menu

1. Press "MENU" key on remote control or front panel controls to bring up Main Menu.
2. Press "▲" or "▼" to move the cursor up and down the sub menu list.
3. Press "◀" or "▶" to select sub menu item.
4. Press "Enter" to enter sub-item then use "◀" or "▶" to adjust.

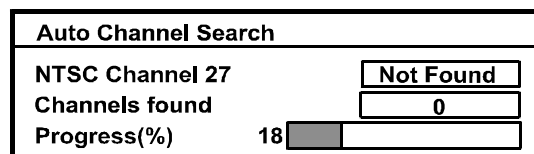
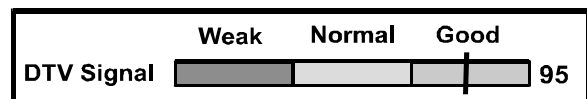


Setup Menu

1. Tuning Band: Select TV signal source between Air and Cable. Select Cable if you are connecting to a cable box and select Air if you are directly connecting to the antenna.
2. DTV Signal: Display signal strength to aid antenna adjustment.
3. Auto Ch Search: Automatically scan and store all TV channels.
4. Manual Ch Set: Enter channel setup table.
5. Channel Labels: Display and edit channel names.
6. Menu Language: Select language for menu (English→Español→Français→Portuguese)

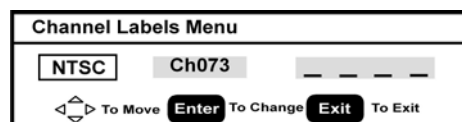


- DTV signal menu indicates signal strength in real-time.
- Auto channel scan menu displays channel number being scanned.
- Manual Channel Set Menu Displays all the channel numbers that are found. Tune either to ATSC or NTSC channels. Add or delete Channel number.
- Channel Labels Menu allows user labeling.



Manual Channel Set Menu										
Tuning Band										NTSC ▶
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	

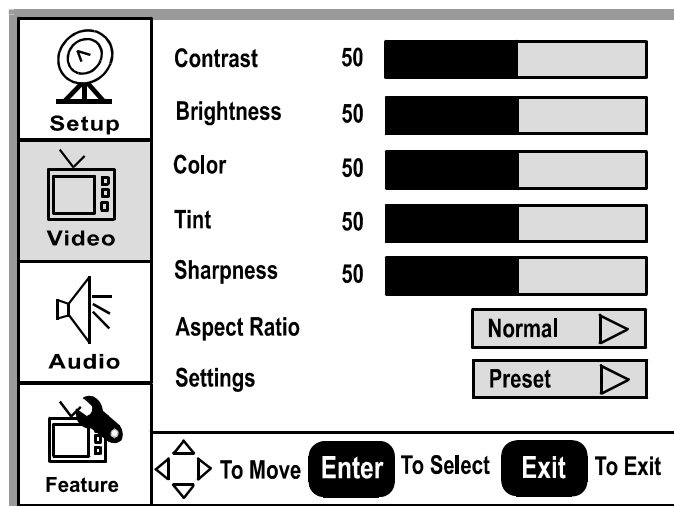
Navigation controls: ◀▶ To Move, Enter To Select, Exit To Exit



OSD Menu Descriptions

Video Menu

1. Press "▲" or "▼" to move the cursor up or down the sub-item list.
2. Press "Enter" to enter the highlighted sub-item menu.
3. Press "◀" or "▶" to adjust the value of the sub-item.
4. Press "Enter" again to exit the sub-item.



Contrast: Contrast adjustment, 0 ~ 100.

Brightness: Brightness adjustment, 0 ~ 100.

Color: Color chroma adjustment, 0 ~ 100.

Tint: Tint adjustment, 0 ~ 100.

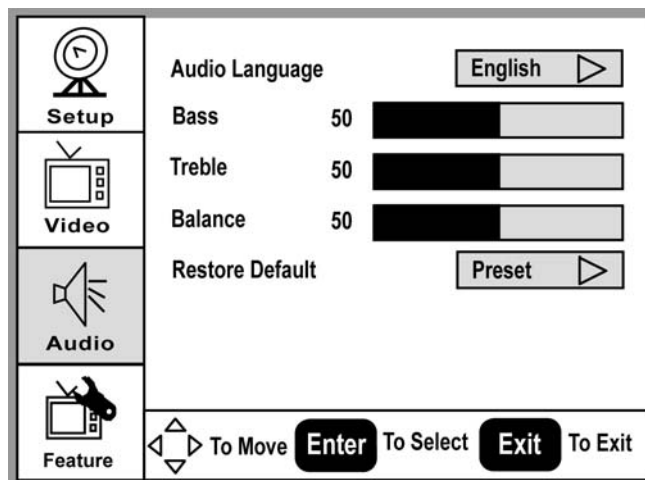
Aspect Ratio: Aspect Ratio selection.

Normal → Zoom → Wide → Cinema.

Settings: Restore default setting.

Audio Menu

1. Press "▲" or "▼" to move the cursor up or down the sub-item list.
2. Press "Enter" to enter the highlighted sub-item menu.
3. Press "◀" or "▶" to adjust the value of the sub-item.
4. Press "Enter" again to exit the sub-item.



Audio Language:

English → Spanish → French → Portuguese.

Bass: Bass adjustment, 0 ~ 100.

Treble: Treble adjustment, 0 ~ 100.

Balance: Balance adjustment, 0 ~ 100.

Restore Default: Restore Audio Language, Treble, Bass, and Balance setting to default.

OSD Menu Descriptions

Feature Menu

1. Press "▲" or "▼" to move the cursor up or down the sub-item list.
2. Press "Enter" to enter the highlighted sub-item menu.
3. Press "◀" or "▶" to adjust the value of the sub-item.
4. Press "Enter" again to exit the sub-item.

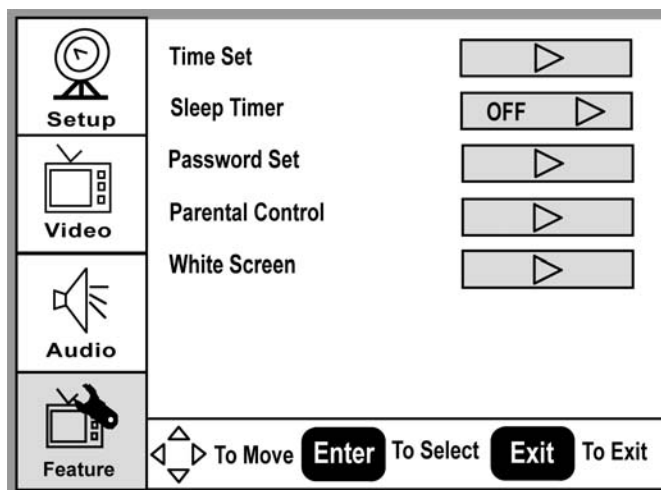
Time Set : The default time when you first set up the TV is 12:00 midnight. The internal clock starts from 12:00am. In the time set menu, first select the time zone you are in and manually change the time to the present time. Press Enter to confirm the time and exit the menu. Note that whenever you switch the MAINS off, you need to set the time again when you turn the TV on.

Sleep Timer: Select minutes into standby
Off → 30 → 60 → 90.

Password Set: Enter and change Parental Control Password.

Parental Control: Setup TV and Movie rating controls.

White Screen: Press "Enter" to white screen.



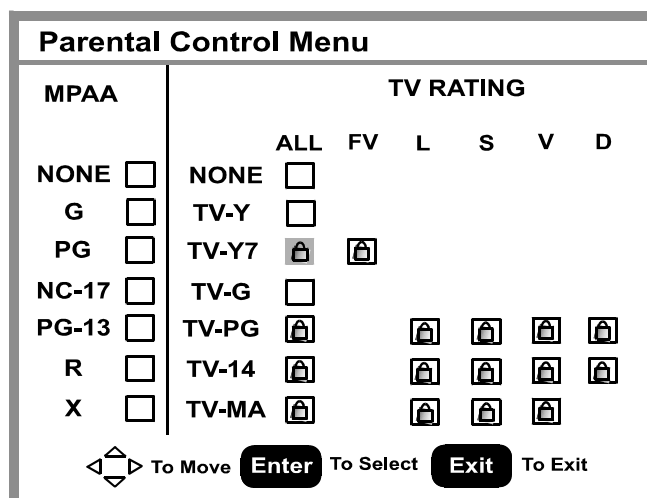
Parental Control Menu: Controls viewing of rated TV and Movie programs.

Note: Need password to change settings. Initial Default password is: 0000.

Important : If you have forgotten your Password

Use the code [0711] to enter into the Password Set menu item to change your password.

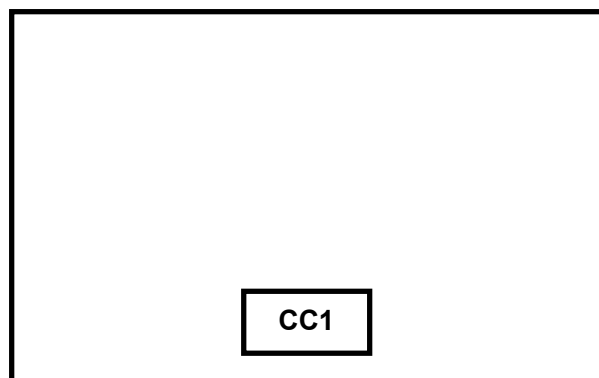
You can also use the code [0711] to change your Parental Controls settings.



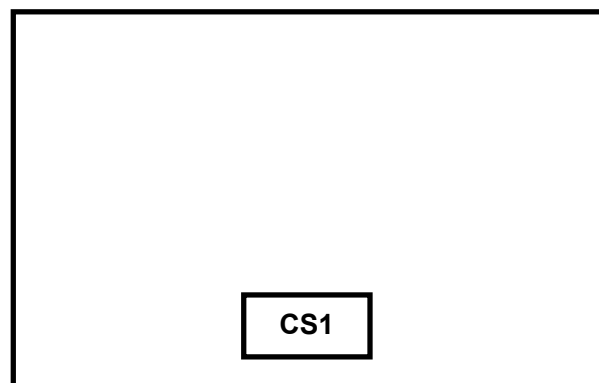
OSD Menu Descriptions

Closed Captions section

1. Press “CC” key on remote control to select closed captions mode.
NTSC TV: Off..CC1 ..CC2
ATSC TV: Off ..CS1 ..CS2.. ...
2. Select desired closed caption mode.
3. Closed captioning for analog NTSC channels is transmitted as CC1/CC2/CC3/CC4. Closed captioning for digital channels is transmitted as CS1/CS2/CS3 /CS4/CS5/CS6 or occasionally CC1/CC2/CC3/CC4. You need to select the option you want for analog channels and digital channels separately.



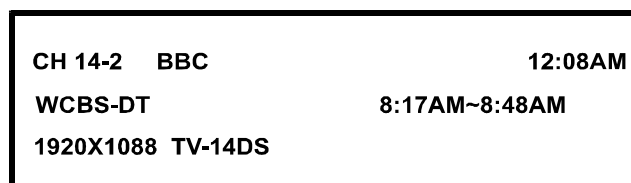
● NTSC TV



● ATSC TV

EPG

Press the “EPG” key on the remote control to display the Electronic Program Guide (EPG). A message window will be displayed on screen.



● EPG Message Window

TV channel arrangement

Analog NTSC channels are numbered as 2.0, 5.0, 11.0 etc.

Digital ATSC channels are numbered as 2.1, 5.1, 5.2, 11.1, 11.2 etc depending on your local transmitters. Note that each digital channel may comprise of several sub-channels. For your convenience, this television groups all analog channels together followed by all digital channels together.

To select a digital channel using the remote control:


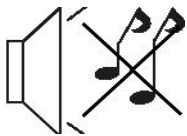
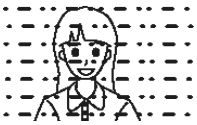

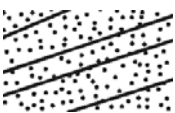
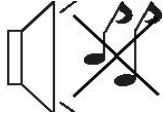




1. To go to channel 5.2, enter main channel number (5).
2. Press the “•” key.
3. Enter the sub-channel number (2).



Specifications

Item	Specification			
Panel Spec	Screen size	42 inch plasma display panel		
	Aspect	16:9		
	Display pixels	852 x 480 (WVGA)		
	Effective display size	932mm x 532mm		
	Number of color	16.7 million colors		
	Contrast Ratio	10000:1 (in dark room)		
	Peak brightness	1500 cd/m ²		
TV Mode	TV Tuning	1 Tuners, Air:69 channels Cable:135 channels		
	Sound system	M		
	Color system	ATSC / NTSC		
Video Mode	AV1 (S_Video/Video)	Video RCA x 1	NTSC	Audio: L/R x 1
		S-Video1 x 1	NTSC	
	AV2 (S_Video/Video)	Video RCA x 1	NTSC	Audio: L/R x 1
		S-Video2 x 1	NTSC	
	AV3 / AV4 COMPONENT X 2 (Y Cb Cr/Y Pb Pr)	YCbCr/YPbPr x 2	480i	Audio: L/R x 2
			1080i	
480P				
720P				
PC Mode	Signal input	Analog: D-Sub 15 pin		
	Plug and play	DDC / 2B		
	Support Frequency	FH:31KHz to 80KHz , FV:50Hz to 85Hz		
	D-Sub Mode	VESA: 640 x 480 VESA: 800 x 600 VESA: 1024 x 768 VESA: 1280 x 1024		
	D-Sub Audio	Earphone (3.5ø)		
DVI Mode	Signal input	Digital: DVI-D 24 pin		
	Plug and play	DDC / 2B		
	DVI Mode	720P 1080i 480P		
	DVI Audio	Earphone (3.5ø)		
Power	Power input sources	AC 100-240V , 50/60Hz		
	Power consumption	≤350W		
Environment	Operation Temperature	+ 0 °C ~ + 40 °C		
	Storage Temperature	- 10 °C ~ + 50 °C		
	Humidity	10% -- 85%		
Dimension	Width x Height x Thickness	1038 x 726.5 x 240 (mm)		
Net weight	With Stand	34Kg		
Accessory	Remote Control Transmitter, Battery X 2, Power Cord, User's Manual, RCA Cable, D-SUB Cable, DVI Cable.			

Troubleshooting

Symptoms	Checks
<p>Picture freezes in antenna mode. The TV does not react to remote controller commands.</p>	<ul style="list-style-type: none"> •Please ensure the antenna is properly connected. •Please switch off the mains and switch on again. •Re-install the channels if needed.
<p>Picture breaks up in DVI mode, especially when a set top box is connected.</p>	<ul style="list-style-type: none"> •The TV is trying to read the HDCP code sent by the set top box. •Please switch off the set top box and switch on again.
<p>The picture is jerky or is corrupted (multiple small square boxes seen) in ATSC mode.</p>	<ul style="list-style-type: none"> •The signal could be weak. Check the DTV signal via Menu --> Setup --> DTV Signal. Adjust the direction of your antenna to improve the signal. Re-install the channels if needed.
<p>Some channels are missing / are not found.</p>	<ul style="list-style-type: none"> •Press the channel number to check if the channel exists, if yes, go to the Manual Channel Set Menu (Menu-->Setup-->Manual ch set), and add the channel. •Go to the Setup Menu (Menu-->Setup) and install the channels again, searching Air/Cable as appropriate.
<div style="display: flex; align-items: center;">   </div> <p>No Picture, No Sound</p>	<ul style="list-style-type: none"> •Check the power cord and power outlet. •Check whether the TV power switch is on. •Verify the front panel LED is showing blue color. •Check connections for the selected input source. •Verify that external signal for the selected input is active. •Check Video/Audio settings. •The signal could be weak. Check the DTV signal via Menu --> Setup --> DTV Signal. Adjust the direction of your antenna to improve the signal. Re-install the channels if needed.
<div style="display: flex; align-items: center;">   </div> <p>Interference, Noisy</p>	<ul style="list-style-type: none"> •Check antenna connection, aerial location, and direction. •Check and relocate nearby electrical appliances. •Check fluorescent lights. •Check cars/motorcycles.
<div style="display: flex; align-items: center;">   </div> <p>Distorted picture, Noisy</p>	<ul style="list-style-type: none"> •Check antenna connection, aerial location, and direction. Re-scan Channels.
<div style="display: flex; align-items: center;">   </div> <p>No Colour, Normal Sound</p>	<ul style="list-style-type: none"> •Check whether colour setting is at minimum. •Adjust video menu picture settings or reset to default.
<div style="display: flex; align-items: center;">   </div> <p>Normal Colour, No Sound</p>	<ul style="list-style-type: none"> •Check audio input connections. •Check whether TV audio is in MUTE mode. •Adjust audio volume to audible level.

Troubleshooting

<p>Some parts of the screen do not light up</p>	<p>The plasma TV panel is manufactured using an extremely high level of precision technology, however, sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a malfunction.</p>
<p>After-images appear</p> <div data-bbox="140 443 598 696" style="border: 1px solid black; padding: 10px; text-align: center; width: fit-content; margin: 0 auto;"> <p>DVD</p> </div>	<p>Do not allow a still picture to be displayed for an extended period, as this can cause a permanent after-image to remain on the Plasma TV. Examples of still pictures include logos, video games, computer images, and Teletext. Note: The permanent after-image on the Plasma TV resulting from fixed image use is not an operating defect and as such is not covered by the Warranty. This product is not designed to display fixed images for extended periods of time.</p>
<p>DTV signal jumps from 0 to 100 and back.</p>	<ul style="list-style-type: none"> •The signal is too weak to display a picture. Try to re-orient the antenna to a suitable direction and auto-tune again.
<p>No closed captioning seen when the TV is connected to a set top box.</p>	<ul style="list-style-type: none"> •Press the CC button on the remote controller to switch off the closed captioning. Then switch it on again.

Envision Peripherals Inc.
47490 Seabridge Dr.
Fremont, CA 94538
www.AOCdisplay.com
Tech Support: 1-888-662-9888